

## Gas Distribution System

### ABSTRACT OF THE DISCLOSURE

5           A gas distribution system according to an embodiment includes flowing a first gas stream from a first dispensing cylinder to a receiving cylinder. When the pressure differential between the first dispensing cylinder and the receiving cylinder obtains a selected value, stopping the flow of the first gas stream, and flowing a second gas stream from a second dispensing cylinder to  
10 the receiving cylinder. When the pressure differential between the second dispensing cylinder and the receiving cylinder obtains a selected value, stopping the flow of the second gas stream, increasing the pressure of a third gas stream from the first dispensing cylinder to a pressure greater than the second dispensing cylinder pressure, and flowing the third gas stream into the second  
15 dispensing cylinder until the pressure in the second cylinder has increased to a selected value. In other embodiments, an intensifier is used to increase the pressure of a gas stream.

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